

DESCRIPTION

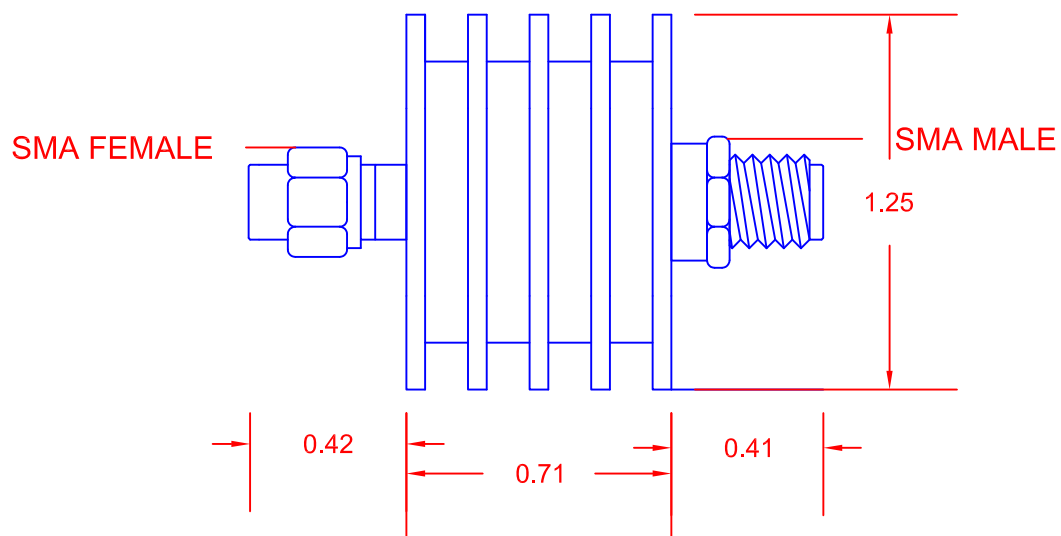
PMI MODEL NO. PFA-DC18-10dB-SMF IS A 20 dB FIXED ATTENUATOR THAT OPERATES OVER THE FREQUENCY RANGE OF DC TO 18.0 GHz AND LOW CW INPUT POWER.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	-	PRELIMINARY	12/30/2022	

MECHANICAL OUTLINE

SPECIFICATIONS

- FREQUENCY RANGE: ----- DC TO 18.0 GHz
- IMPEDANCE ----- 50 OHMs
- ATTENUATION ----- 20 dB
- VSWR (RETURN LOSS): ----- 1.25 MAX (19.1 dB MIN)
- INPUT POWER: ----- 10 Watts
- DEVIATION (+/-dB): -----
DC TO 4 GHz - 0.5
4 TO 8 GHz - 0.6
8 TO 12.4 GHz - 0.7
12.4 TO 18 GHz - 1.0
- RF CONNECTORS IN/OUT: ----- SMA MALE / SMA FEMALE
- BODY: ----- STAINLESS STEEL PASSIVATED



ENVIRONMENTAL RATINGS

- HUMIDITY: ----- MIL-STD-202, METHOD 106
- SHOCK: ----- MIL-STD-202, METHOD 213B COND. G
- VIBRATION: ----- MIL-STD-202, METHOD 204D COND. B
- ALTITUDE: ----- MIL-STD-202, METHOD 105C COND. B
- TEMPERATURE CYCLE: ----- MIL-STD-202, METHOD 107D COND. B

ABSOLUTE MAXIMUM ENVIRONMENTAL RATINGS

- TEMPERATURE: ----- -55 °C TO +125 °C

PERMANENT DAMAGE MAY OCCUR IF ANY OF THESE LIMITS ARE EXCEEDED.

ALL DIMENSIONS
ARE IN INCHES [mm]
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010

PMI CONFIDENTIAL AND PROPRIETARY

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

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ISO 9001 CERTIFIED



		TITLE PRODUCT FEATURE PFA-DC18-20dB-SMF				REV.			
APPROVALS	DATE						SIZE	FSCM NO.	DWG NO.
DRAWN <i>AF</i>	12/30/22						A	05XQ0	PRELIMINARY
REDRAWN									
ISSUED		SCALE	N:S		SHEET	1 OF 1			